

What is claimed is:

1. An inverter apparatus in which a bridge circuit having a plurality of switching elements and a smoothing capacitor are connected in parallel to direct current power, and each of the plurality of switching elements is turned on and off according to a control signal output from a control circuit, thereby converting direct current from the direct current power into multiphase alternating current, wherein

10 said control circuit outputs the control signal by shifting from others an ON operation timing of each of a plurality of switching elements in each control cycle.

2. The apparatus according to claim 1, wherein
15 said control circuit generates a control signal having a predetermined phase difference for each switching element.

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25 3. The apparatus according to claim 1, wherein
said control circuit generates a control signal for each switching element using a carrier signal having a predetermined phase difference.

4. The apparatus according to claim 1, wherein
said control circuit generates a control
signal for each switching element using a carrier
5 signal modulated in each predetermined cycle.

5. The apparatus according to claim 1, wherein
said inverter apparatus controls drive of a
motor mounted in a compressor.

10 6. A drive control apparatus which is used for an
inverter, generates alternating current having a
predetermined phase difference for each of a
plurality of phases, and drives a motor, wherein
15 an ON operation timing of a switching element
mounted for each phase is shifted.

20 7. A drive control method which is used for an
inverter, generates alternating current having a
predetermined phase difference, and drives a motor,
wherein
an ON operation timing of a switching element
mounted for each phase is shifted.